

(23/PRTS)

D E S C R I P T I O N

DISPLAY APPARATUS AND VIDEO DISPLAY METHOD

MDS
8505

This application is a 371 of PCT/JP99/01400 03/19/1999

TECHNICAL FIELD

5 The present invention relates to a display apparatus, such as a plasma display device or the like, and in particular relates to a display technology, being suitable for use in a multi-sub field method for realizing display of high brightness, high definition and high gradation.

BACKGROUND ART

10 The display apparatus, such as the plasma display device or the like, are expected to spread out widely into various uses or purposes, in future, including a data display device of a personal computer or the like, and a display device for use of a game machine, etc., other than the video display device of a television apparatus.

15 Specifications required corresponding to those various uses or purposes are various, too. For example, for use in the television apparatus, in particular for HDTV (High Definition TV), there are required the line number of 1,000 or more in the resolution, and 500 cd/m² or more at the peak brightness, etc. It is, also, necessary

20 to reduce pseudo-contour obstruction, which is distinctive of the display of moving picture on the plasma display device. On the contrary to this, for the television screen is allowed the interlaced display. On a while, the requirements for the data display are, for example, the line number of about 800 in the

25 resolution, and about 200 cd/m² for the brightness, and also, since it is mainly used for display of still picture or video, there

09914681.083101